

N^o 6220



A.D. 1900

Date of Application, 3rd Apr., 1900—Accepted, 5th May, 1900

COMPLETE SPECIFICATION.

An Improvement in Arm Slings.

I, PAUL HARTMANN, of Heidenheim, on the Brenz, in the Kingdom of Wirtemberg, Germany, Manufacturer of Surgical Dressings, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 This invention relates to the construction of an arm sling in such a manner that the strain of the suspended load is distributed over the shoulders and back without inconveniently pressing on the back of the neck, as I shall describe referring to the accompanying drawings.

10 Fig. 1 is a back view of the sling according to my invention in condition to carry the right arm. Fig. 2 shews it in position on the body and Fig. 3 shews how the straps are crossed over the back of the wearer.

The sling consists of an approximately triangular piece *a* of suitable fabric gathered at one corner *b* where it is attached to a strap *c*. A portion *e* of the lower part of the triangle is folded up along the line *d* and the parts from *d* to *f* 15 are sewn together, the other end *g* of the part *e* is gathered and attached to a strap *h*. The arm to be supported has its elbow and lower part accommodated in the kind of pocket formed between *a* and *e*.

20 The straps *c* and *h* are passed over the shoulders crossed over the back, brought round the waist and fastened together by a buckle *k*. In order to suit different wearers one of the straps may be lengthened or shortened by passing a loop of it through flat rings *l m* in the usual way.

The sling by turning it as it were outside in, can be applied to either arm, and in order that the buckle *k* may serve for either, it is pivotted to the flat ring *l* so that it can swivel.

25 Instead of employing a buckle the straps may be made of sufficient length to be tied round the waist, and in this case the flat rings *l, m*. for looping can be dispensed with.

30 Although I have described the rest for the arm as being made of a special form and of flexible fabric so that it can be inverted and used for either arm, obviously the mode of supporting the rest by straps passing over both shoulders and round the waist might be applied to arm rests of other forms and materials.

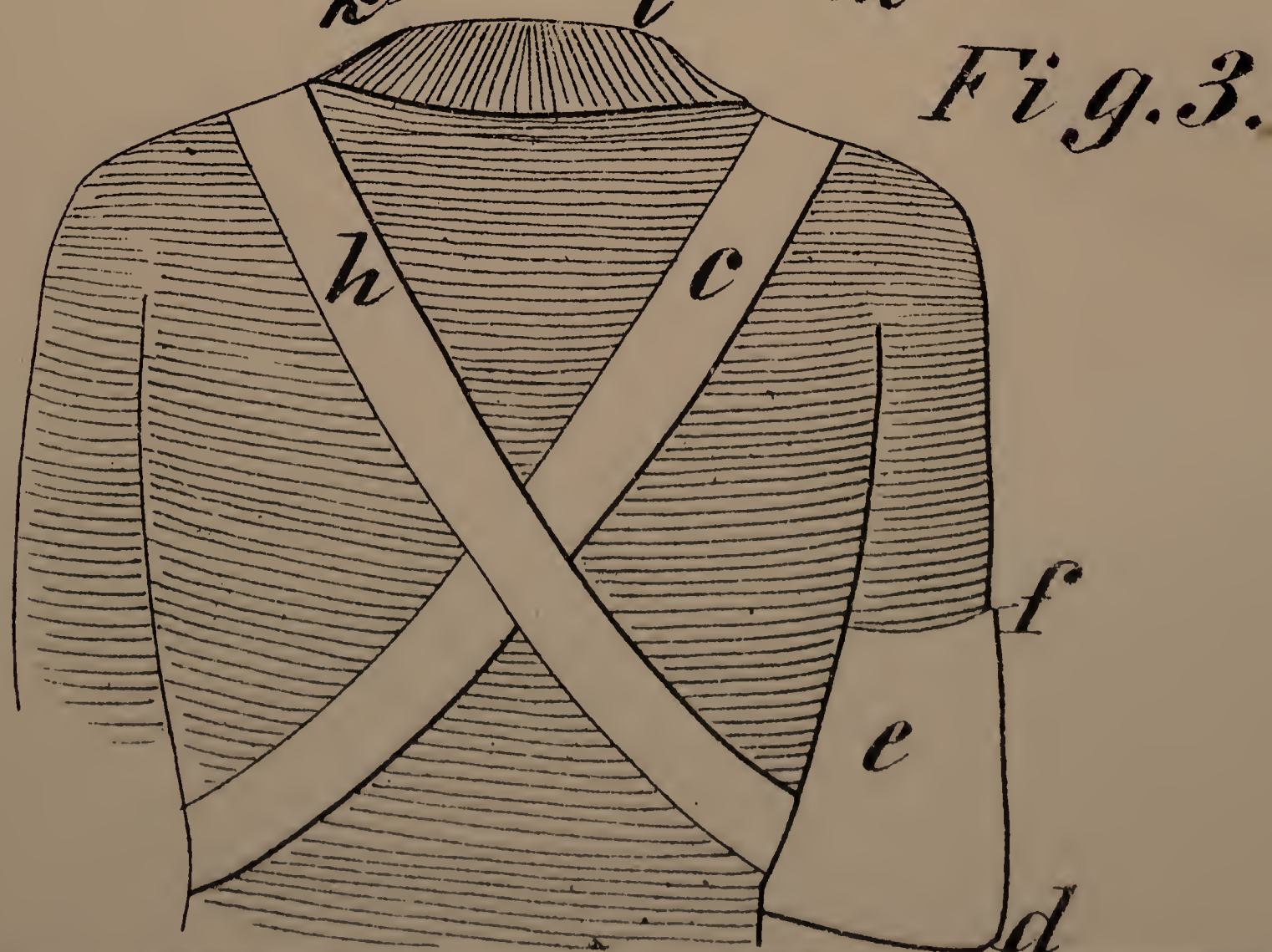
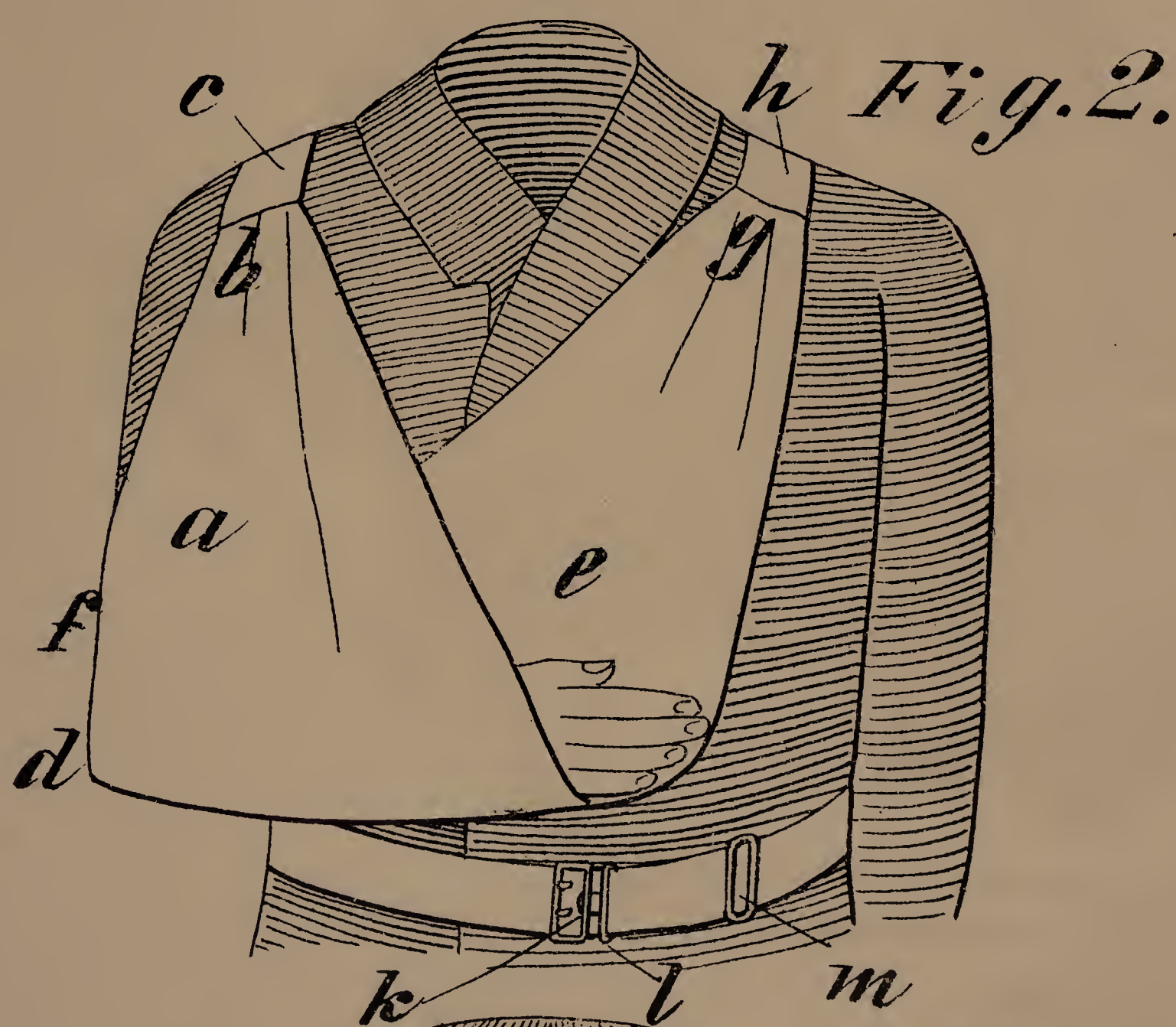
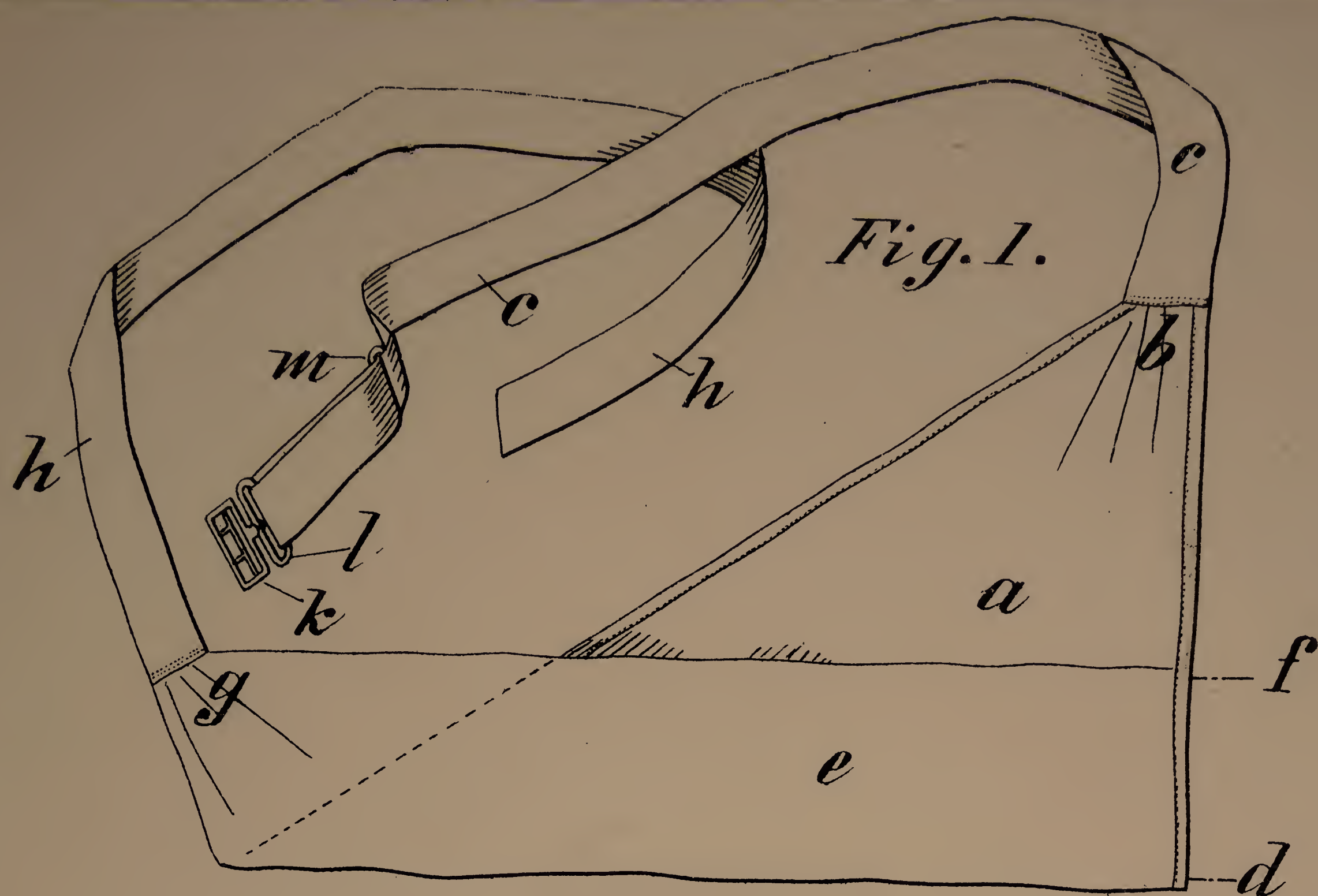
Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

35 An arm sling, and its attachment to the body substantially as described with reference to the drawings.

Dated this 3rd day of April 1900.

ABEL & IMRAY,
Agents for the Applicant.





[This Drawing is a reproduction of the Original on a reduced scale.]

